WHAT IS CLAIMED IS:

1. A golf data management system comprising:

a portable communication terminal; and

a data center that transmits data to and receives data from the portable communication terminal via a communication network,

wherein

the portable communication terminal comprises:

a recording unit that records play data including a score and measurement data obtained by measuring a position of a shot or a putt by a measuring unit;

a transmission unit that adds an individual identification number of a player who carries the portable communication terminal to the play data recorded by the recording unit, and transmits the play data to the data center via the communication network after holing out of each hole; and

a display unit that stores the data transmitted from the data center via the communication network, and displays the stored data, and

the data center comprises:

an individual data storage unit that stores and manages practice result data and the play data corresponding to the individual identification number in accordance with each golf course and each play date;

a common data storage unit that stores course map data of a plurality of golf courses; and

an output unit that outputs the play data
stored in the individual data storage unit in
response to a request from the portable
communication terminal.

2.   The golf data management system as
claimed in claim 1, wherein the data center further
comprises a first output unit that receives an
advice request including the measurement data
obtained by the measurement unit from the portable
communication terminal and the individual
identification number of the player added to the
measurement data, and produces and transmits
individual advice for the player, based on the data
accompanied by the individual identification number
stored in the individual data storage unit, the
course map data stored in the common data storage
unit, and a current location on a course map
according to the measurement data.

3.   The golf data management system as
claimed in claim 2, wherein the data center further
comprises a second output unit that judges the
performance of the player by comparing a ratio of
the number of failed shots to the total number of
shots based on the play data stored in the
individual data storage unit, and produces and
outputs, in response to the advice request,
individual advice for the player based on play data
and practice data stored in the individual data
storage unit in accordance with a judgment result of

the performance.

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4. The golf data management system as
claimed in claim 1, wherein
the portable communication terminal
comprises:

10   a recording part that records measurement
data obtained by the measurement unit when an input
button is pressed at a location of a shot or a putt;
and
a communication part that adds an

15 uploading header to the play data recorded by the
recording part when a holed-out button is pressed at
a time of sinking a ball in cup, and transmits the
play data with the uploading header to the data
center via the communication network, and

20   the data center stores the play data and
practice data obtained during a practice in the
individual data storage unit in accordance with the
uploading header.

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5. The golf data management system as
claimed in claim 1, wherein

30   the data center comprises a group data
storage unit that manages data on performance of a
sub-group in which each member carries the portable
communication terminal, and
a distribution processing unit that

35 distributes the play data from the individual
storage unit to each portable communication terminal
of the sub-group when it is determined that all

members of the sub-group have holed out.

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      6. The golf data management system as claimed in claim 5, further comprising a unit that registers the sub-group in the group data storage unit based on the measurement data obtained when a

10   shot button is pressed at a tee shot.

15   7. A data center that transmits and receives data with a portable communication terminal via a communication network, said data center comprising:

      an individual data storage unit that

20   stores play data accompanied by an individual identification number of a player and practice data;

      a common data storage unit that stores course map data of a plurality of golf courses;

      a group data storage unit that manages a

25   group of accompanying players; and

      a data analysis unit that produces and outputs, in response to an advice request, advice on a shot or a putt for the individual player at a current location, based on individual data stored in

30   the individual data storage unit, the course map data stored in the common data storage unit, and measurement data supplied from the portable communication terminal.

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8. The data center as claimed in claim 7, further comprising:

a group data storage unit that manages data on performance of each of accompanying players
5 that constitute a sub-group or a group made up of a plurality of sub-groups; and

a distribution processing unit that determines store data from the individual data storage unit when it is determined that all members
10 in a sub-group have holed out, and distributes the score data to all the members in the sub-group.

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9. A method of managing golf data of each individual player, which golf data is transmitted between a portable communication terminal and a data center via a communication network,
20 said method comprising the steps of:

storing course map data of a plurality of golf courses in a common data storage unit;

receiving play data including measurement data and a score provided with an individual
25 identification number supplied from the portable communication terminal, or practice data provided with the individual identification number;

storing and managing the received data in an area corresponding to the individual
30 identification number in the individual data storage unit;

reading out the course map data from the common data storage unit or the play data corresponding to the individual identification
35 number from the individual data storage unit, in response to a course map data request or a play data request provided with the individual identification

number supplied from the portable communication
terminal; and

      transmitting the read-out course map data
or the play data to the portable communication
5   terminal.

10   10. The method as claimed in claim 9,
further comprising the steps of:

      determining a current location on the
course map according to the measurement data, in
response to an advice request provided with the
15   individual identification number and the measurement
data supplied from the portable communication
terminal;

      producing advice data on choice of a golf
club or a shot at the current location based on the
20   play data and the practice data corresponding to the
individual identification number stored in the
individual data storage unit; and

      transmitting the advice data to the
portable communication terminal that has issued the
25   advice request.

30   11. The method as claimed in claim 10,
further comprising the steps of:

      determining the current location on the
course map according to the measurement data in
response to an advice request provided with the
35   individual identification number and the measurement
data supplied from the portable communication
terminal;

analyzing the play data and the practice data corresponding to the individual identification number stored and managed by the individual data storage unit;

5   producing the advice data on the choice of golf clubs and shots based on performance data obtained from a failed shot ratio, shot distance data of each golf club, and target distance data; and

10   transmitting the advice data to the portable communication terminal that has issued the advice request.

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12.   The method as claimed in claim 10, further comprising the steps of:
          storing and managing the individual
20   identification number and data on performance of each of players that constitute a sub-group or a group made up of a plurality of sub-groups in a group data storage unit;
          reading out the play data of each member
25   in the sub-group from the individual data storage unit when it is determined that all members in the sub-group have holed out; and
          distributing the read-out play data to each of the members in the sub-group.
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13.   The method as claimed in claim 10,
35   further comprising the steps of:
          transmitting the course map data of the plurality of golf courses from the common storage

unit in response to a request from the portable
communication terminal; and

  charging the portable communication
terminal with a fixed amount of money or a service
5 charge corresponding to the amount of provided data
when the data stored in the individual data storage
unit and advice data on the play are transmitted in
response to a request from the portable
communication terminal.

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  14. The method as claimed in claim 13,
15 further comprising the steps of:
  lending the terminal portable
communication terminal to a player;
  registering the player in the data center
using the portable communication terminal;
20 transmitting the play data from the
portable communication terminal to the data center;
  storing and managing the play data in the
individual data storage unit;
  transmitting course map data or advice
25 data in response to a service request supplied from
the portable communication terminal; and
  charging the player with a service charge
for the service rendered in response to the service
request.

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